

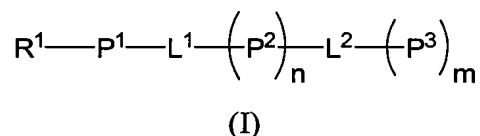
**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1. -57 (Cancelled)

58. (Currently amended) A compound having a formula **(I)** ~~selected from the group consisting of:~~



**and** their pharmaceutically acceptable salts, wherein

R<sup>1</sup> is a C<sub>5</sub>-C<sub>12</sub> cycloalkyl group wherein said cycloalkyl portion is monocyclic or polycyclic;

P<sup>1</sup> is NHC(O)NH-;

P<sup>2</sup> is selected from the group consisting of -C(O)-, -CH(OH)-, -C(O)O-, -OC(O)-, -NHC(O)NH-, -OC(O)NH-, -NHC(O)O-, -C(O)NH- [[and]] -NHC(O)- and -O(CH<sub>2</sub>CH<sub>2</sub>O)<sub>q</sub>;

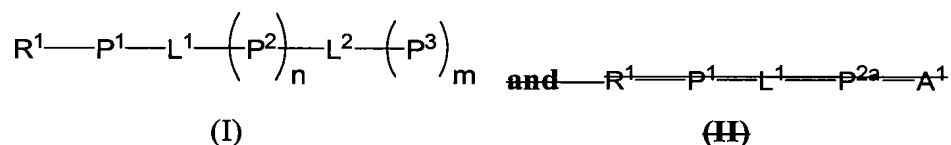
P<sup>3</sup> is selected from the group consisting of C<sub>2</sub>-C<sub>6</sub> alkynyl, C<sub>1</sub>-C<sub>6</sub> haloalkyl, aryl, heteroaryl, -NHS(O)<sub>2</sub>R<sup>2</sup>, -C(O)OR<sup>2</sup> and carboxylic acid analogs, wherein R<sup>2</sup> is a member selected from the group consisting of hydrogen, substituted **C<sub>1</sub>-C<sub>4</sub> alkyl**, ~~or~~ unsubstituted C<sub>1</sub>-C<sub>4</sub> alkyl, substituted **C<sub>3</sub>-C<sub>8</sub> cycloalkyl**, ~~or~~ unsubstituted C<sub>3</sub>-C<sub>8</sub> cycloalkyl, substituted **aryl**, ~~or~~ unsubstituted aryl, **and** substituted **aryl C<sub>1</sub>-C<sub>4</sub> alkyl and** ~~or~~ unsubstituted aryl C<sub>1</sub>-C<sub>4</sub> alkyl;

the subscripts n and m are each independently 0 or 1, at least one of n or m is 1 and q is 0 to 3;

L<sup>1</sup> is substituted **C<sub>2</sub>-C<sub>6</sub> alkylene** or unsubstituted C<sub>2</sub>-C<sub>6</sub> alkylene;

L<sup>2</sup> is substituted **C<sub>2</sub>-C<sub>6</sub> alkylene** or unsubstituted C<sub>2</sub>-C<sub>12</sub> alkylene.

59. (Currently amended) A compound having a formula **(I)** ~~selected from the group consisting of~~:



and their pharmaceutically acceptable salts, wherein

$\text{R}^1$  is a member selected from the group consisting of  $\text{C}_5$ - $\text{C}_{12}$  cycloalkyl, aryl, heteroaryl and combinations thereof, wherein said cycloalkyl portions are monocyclic or polycyclic;

$\text{P}^1$  is a primary pharmacophore selected from the group consisting of  $-\text{NHC}(\text{O})\text{NH}-$ ,  $-\text{OC}(\text{O})\text{NH}-$ ,  $-\text{NHC}(\text{O})\text{O}-$ ,  $-\text{CH}_2\text{C}(\text{O})\text{NH}-$ ,  $-\text{C}(\text{O})\text{NH}-$  and  $-\text{NHC}(\text{O})-$ ;

$\text{P}^2$  is a secondary pharmacophore selected from the group consisting of  $-\text{C}(\text{O})-$ ,  $-\text{CH}(\text{OH})-$ ,  $-\text{O}(\text{CH}_2\text{CH}_2\text{O})_q-$ ,  $-\text{C}(\text{O})\text{O}-$ ,  $-\text{OC}(\text{O})-$ ,  $-\text{NHC}(\text{O})\text{NH}-$ ,  $-\text{OC}(\text{O})\text{NH}-$ ,  $-\text{NHC}(\text{O})\text{O}-$ ,  $-\text{C}(\text{O})\text{NH}-$  and  $-\text{NHC}(\text{O})-$ ;

~~$\text{P}^{2a}$  is selected from the group consisting of  $-\text{C}(\text{O})-$  and  $-\text{NHC}(\text{O})-$ ;~~

$\text{P}^3$  is a tertiary pharmacophore selected from the group consisting of  $\text{C}_2$ - $\text{C}_6$  alkynyl,  $\text{C}_1$ - $\text{C}_6$  haloalkyl, aryl, heteroaryl,  $-\text{C}(\text{O})\text{NHR}^2$ ,  $-\text{C}(\text{O})\text{NHS}(\text{O})_2\text{R}^2$ ,  $-\text{NHS}(\text{O})_2\text{R}^2$ ,  $-\text{C}(\text{O})\text{OR}^2$  and carboxylic acid analogs, ~~wherein~~  $\text{R}^2$  is a member selected from the group consisting of hydrogen, substituted  $\text{C}_1$ - $\text{C}_4$  alkyl, ~~or~~ unsubstituted  $\text{C}_1$ - $\text{C}_4$  alkyl, substituted  $\text{C}_3$ - $\text{C}_8$  cycloalkyl, ~~or~~ unsubstituted  $\text{C}_3$ - $\text{C}_8$  cycloalkyl, substituted ~~or~~ unsubstituted aryl, ~~and~~ substituted aryl  $\text{C}_1$ - $\text{C}_4$  alkyl and ~~or~~ unsubstituted aryl  $\text{C}_1$ - $\text{C}_4$  alkyl;

the subscripts  $n$  and  $m$  are each independently 0 or 1, and at least one of  $n$  or  $m$  is 1, and the subscript  $q$  is 0 to 3;

$\text{L}^1$  is a first linker selected from the group consisting of substituted  $\text{C}_2$ - $\text{C}_6$  alkylene, ~~and~~ unsubstituted  $\text{C}_2$ - $\text{C}_6$  alkylene, substituted  $\text{C}_3$ - $\text{C}_6$  cycloalkylene, ~~and~~ unsubstituted  $\text{C}_3$ - $\text{C}_6$  cycloalkylene, substituted arylene, ~~or~~ unsubstituted arylene, ~~and~~ substituted heteroarylene and ~~or~~ unsubstituted heteroarylene;

$L^2$  is a second linker selected from the group consisting of substituted C<sub>2</sub>-C<sub>12</sub> alkylene, ~~and~~ unsubstituted C<sub>2</sub>-C<sub>12</sub> alkylene, substituted arylene, ~~and~~ unsubstituted arylene, and combinations thereof; ~~and~~

~~A<sup>1</sup> is a member selected from the group consisting of an amino acid, a dipeptide and a dipeptide analog.~~

60. (Cancel)

61. - 69. (Cancelled)

70. (Currently amended and withdrawn) A pharmaceutical composition comprising a pharmaceutically acceptable excipient and a compound of any one of claims claim 58 and 59.

71. - 104. (Cancel)

105. (Currently amended) The compound in accordance with any one of claims 58, ~~60 and 95 to 98 and 59~~, wherein P<sup>3</sup> is -C(O)OR<sup>2</sup> ~~and or~~ a carboxylic acid analog, ~~wherein and~~ R<sup>2</sup> is hydrogen, substituted C<sub>1</sub>-C<sub>4</sub> alkyl, ~~or~~ unsubstituted C<sub>1</sub>-C<sub>4</sub> alkyl, substituted C<sub>3</sub>-C<sub>8</sub> cycloalkyl or unsubstituted C<sub>3</sub>-C<sub>8</sub> cycloalkyl.

106. (New) The compound of any one of Claims 58 and 59, wherein P<sup>3</sup> is -C(O)OR<sup>2</sup> or a carboxylic acid analog, and R<sup>2</sup> is selected from the group consisting of hydrogen, methyl, and ethyl.

107. (New) The compound of any one of Claims 58 and 59, wherein R<sup>1</sup> is selected from the group consisting of C<sub>5</sub>-C<sub>12</sub> cycloalkyl, phenyl and naphthyl.

108. (New) The compound of any one of Claims 58 and 59, wherein R<sup>1</sup> is selected from the group consisting of C<sub>5</sub>-C<sub>12</sub> cycloalkyl and phenyl.

109. (New) The compound of any one of Claims 58 and 59, wherein R<sup>1</sup> is selected from the group consisting of cyclohexyl, cycloheptyl, cyclooctyl, norbornyl, adamantyl, noradamantyl, and phenyl, and phenyl is optionally substituted with from one to three substituents selected from the group consisting of halogen, C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>1</sub>-C<sub>4</sub> haloalkyl, C<sub>1</sub>-C<sub>4</sub> alkoxy, C<sub>3</sub>-C<sub>5</sub> cycloalkyl and cyano.

110. (New) The compound of any one of Claims 58 and 59, wherein  $P^1$  is selected from the group consisting of  $-NHC(O)CH-$ ,  $-OC(O)NH-$  and  $-NHC(O)O-$ .

111. (New) The compound of any one of Claims 58 and 59, wherein  $P^1$  is  $-NHC(O)CH-$ .

112. (New) The compound of any one of Claims 58 and 59, wherein  $L^1$  is an alkylene of from 2 to 4 carbon atoms,

$P^2$  is not present; and

$L^2$  is an alkylene of from 2 to 8 carbon atoms.

113. (New) The compound of Claim 59, wherein the compound has formula (I),  
wherein  $P^1$  is selected from the group consisting of  $-NHC(O)NH-$ ,  
 $-OC(O)NH-$  and  $-NHC(O)O-$ ;

$n$  is 0;

$m$  is 1;

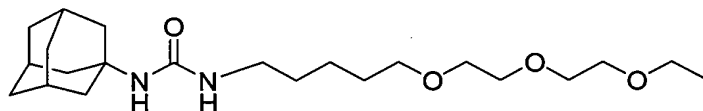
$L^1$  is selected from the group consisting of unsubstituted  $C_2-C_6$  alkylene,  
unsubstituted  $C_3-C_6$  cycloalkylene, substituted  $C_3-C_6$  cycloalkylene, unsubstituted arylene and  
substituted arylene;

$L^2$  is selected from the group consisting of unsubstituted  $C_2-C_6$  alkylene and  
substituted  $C_2-C_6$  alkylene; and

$P^3$  is selected from the group consisting of  $C_2-C_6$  alkynyl,  $C_1-C_6$  haloalkyl, aryl,  
heteroaryl,  $-C(O)NHR^2$ ,  $-C(O)NHS(O)_2R^2$ ,  $-NHS(O)_2R^2$ ,  $-C(O)OR^2$  and carboxylic acid  
analogs, and  $R^2$  is a member selected from the group consisting of hydrogen, unsubstituted  $C_1-C_4$   
alkyl, substituted  $C_1-C_4$  alkyl, unsubstituted  $C_3-C_8$  cycloalkyl, substituted  $C_3-C_8$  cycloalkyl,  
unsubstituted aryl, substituted aryl, unsubstituted aryl  $C_1-C_4$  alkyl and substituted aryl  $C_1-C_4$   
alkyl.

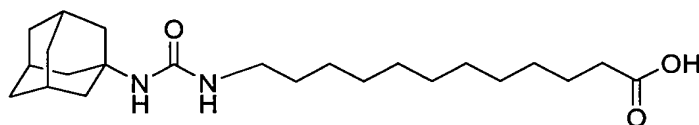
114. (New) A compound having the formula described in Tables 1-18 and their  
pharmaceutically acceptable salts.

115. (New) A compound having the formula:



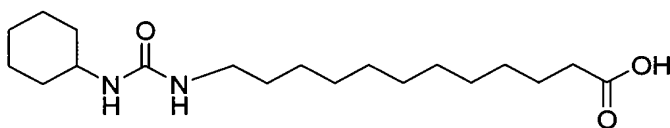
and pharmaceutically acceptable salts thereof.

116. (New) A compound having the formula:



and pharmaceutically acceptable salts thereof.

117. (New) A compound having the formula:



and pharmaceutically acceptable salts thereof.